

ADA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN PROGRESS REPORT

Reporting Period

The reporting period for this progress report is 01/01/2019 through 12/31/2019

Background

This report serves as the Annual Progress Report for the Ada County Multi-Hazard Mitigation Plan. Ada County and the participating local cities and districts developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating planning partners organized resources, assessed risks from natural hazards, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By continually implementing this process, these jurisdictions maintain compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act. The plan can be viewed on-line at:
<https://adacounty.id.gov/emergencymanagement/mitigation/>

Purpose

The purpose of this report is to document the implementation of the mitigation initiatives identified in the Ada County Multi-Hazard Mitigation Plan. The objective is to ensure that there is a continuing planning process that will keep this multi-jurisdictional plan dynamic and responsive to the needs and capabilities of the planning partnership within Ada County.

Steering Committee

For the reporting period, the committee membership is listed in Table 1.

TABLE 1: Steering Committee			
Ada County Development Services		Flood Control District #10	(Committee Vice- Chair)
Primary	Jason Boal	Primary	Mike Dimmick
Secondary	Zach Kirk	Secondary	
Ada County Emergency Mgmt.		Healthy Hills Initiative	
	Paul “Crash” Marusich	Primary	Mike Pellant
Ada County Highway District		Secondary	
Primary	Lloyd Carnegie	Idaho Office of Emergency Mgt.	
Secondary	Dale Kuperus	Primary	Susan Cleverley
Ada County Citizenry	(Committee Chair)	Secondary	Lorie Pahl
Primary	Phil Bandy	Idaho Power Company	
Secondary		Secondary	Gary Pagel
City of Boise		Primary	Chris Davidson
Primary	Dep. Chief Romeo Gervais	Land Trust of the Treasure Valley	
Secondary	Capt. Jerry McAdams	Primary	Eric Grace
Tertiary	Jim Pardy	Secondary	
City of Eagle		Water District #63 (Watermaster)	
Primary	Mike Williams	Primary	Rex Barrie
Secondary	Steve Noyes	Secondary	
City of Garden City		Public Affairs\Media	
Primary	Colin Schmidt	Primary	Christine Myron
Secondary	Jenah Thornborrow	Secondary	Brian Holmes
City of Meridian		Micron Technology	
Primary	Jason Korn	Primary	Mike Medellin
Secondary	Dave Miles	Secondary	
Boise State University		Suez Water	
Primary	Rob Littrell	Primary	Cathy Cooper
Secondary	Barbara Beagles	Secondary	
Fire Districts’ Representative		Idaho Rivers United	
Primary	Dep. Chief Scott Buck	Primary	Kevin Lewis
Secondary		Secondary	

Summary Overview of the Plan's Progress

The performance period for the Ada County Multi-Hazard Mitigation Plan became effective on May 3, 2017, with the final approval of the plan by FEMA. The initial performance period for this plan will be 5 years, with an anticipated update of the plan to begin in the spring of 2021. The update must be promulgated locally and approved by FEMA no later than May 2, 2022. As of this reporting period, the performance period for this plan is considered to be 6% complete. The Ada County Multi-Jurisdictional Hazard Mitigation Plan has targeted 212 hazard mitigation actions to be pursued during the 5-year performance period. As of the reporting period, the following overall progress can be reported:

- 12 out of 225 initiatives (5%) reported progress toward completion.
- 31 out of 225 initiatives (14%) reported no action taken.
- 13 out of 225 initiatives (6%) were completed.
- 167 out of 225 initiatives (74%) indicated work is conducted as an ongoing capability.
- 2 initiatives were removed due to elimination of a program.

Review of the Action Plan

Table 2 reviews the action plan, reporting the status of each initiative.

TABLE 2
ACTION PLAN MATRIX

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
Ada County Highway District (ACHD)				
ACHD-01 - Pintail/Drake/Widgeon Flooding. Ongoing flooding problem for 10+ years. Vector truck must pump during routing storms. Storm drain under capacity, two 18" pipes converge and leave as one 18". ACHD is initiating topographic surveys to look at solutions.				
Yes	Short Term (<5yrs.)	Yes	Ongoing - plans complete, waiting to schedule repairs	Ongoing Capability
ACHD-02 - Meridian Culvert Replacements Nine Mile Creek at: E. Watertower Lane, E. Franklin Road, W. Ustick Road. Ten Mile Creek at: Locust Grove Road. Eight Mile Creek at: Overland Road. Five Mile Creek at: S. Topaz Avenue, S. Rackham Way, S. Eagle Road, S. Wells Street.				
Yes	Long Term (5+yrs.)	Yes	Culvert at Nine Mile Creek and N Meridian Rd was replaced with Meridian Split Corridor project. Culvert at Nine Mile Creek and N. Ten Mile replaced with road project. Culvert on Ten Mile Creek and Locust Grove is in ACHD Integrated Five Year Work Plan to begin design in FY2023. Culvert on Five Mile at S. Topaz Ave is in ACHD Integrated Five Year Work Plan to begin design in FY2022. Culvert on Five Mile at S Wells St is in ACHD Integrated Five Year Work Plan to begin design in FY2024. Culvert on Five Mile Creek and E. Badley Ave should not have been on the list and therefore is removed.	Ongoing Capability
ACHD-03 - Snowflake and Crocus Pipe Realignment. Realign storm drain from the back yards to the street and increase the pipe size to reduce restrictions. Ongoing problem for ACHD Drainage Crew. Vector truck must pump during routine storms.				
Yes	Short Term (<5yrs.)	Yes	No progress to report	No Progress
ACHD-04 - Create a Storm Water Utility				
Yes	Long Term (5+yrs.)	Yes	No progress to report	No Progress

ACHD-05 - Remove sediment from all public street storm water ponds (approximately 1,324 ponds).				
Yes	Short Term (<5yrs.)	Yes	Completed on an "as needed" basis	Ongoing Capability
ACHD-06 - Support county-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	Yes	Ongoing	Ongoing Capability
ACHD-7 - Continue to support the implementation, monitoring, maintenance, and updating of the Plan as defined in Volume 1.				
Yes		Yes	Ongoing - providing annual 2020 update	Ongoing Capability
ACHD-08 - Survey Boise River bridge structures and compare to 100 year flood water surface elevation				
Yes	Short Term (<5yrs.)	Yes	No progress to report	No Progress
ACHD-09 - Eckert Road Bridges #2147 and #2148 replacement over the Boise River				
Yes	Long Term (5+yrs.)	Yes	Scheduled in the ACHD Integrated Five Year Work Plan for conceptual design in FY2024	Ongoing Capability
ACHD-10 - Fairview Avenue Bridges #2196 and #2197 replacement over the Boise River.				
Yes	Long Term (5+yrs.)	Yes	No progress to report. Project is listed in the 2020-2024 ACHD Integrated Five Year Work Program to have conceptual design in FY2022.	No Progress
ACHD-11 - Linder Road Bridges #1078, #2035, and #2036 replacement over the Boise River.				
Yes	Long Term (5+yrs.)	Yes	Have scheduled in ACHD Integrated Five Year Work Plan to begin design in FY2024	Ongoing Capability
ACHD-12 - Relocate ACHD Traffic Management Center to a new location (to be decided) outside of flood plain.				
Yes	Long Term (5+yrs.)	Yes	No progress to report	No Progress
ACHD-13 - Gowen Road Bridge #2173 over the New York Canal				
Yes	Short Term (<5yrs.)	Yes	Construction is complete.	Completed

ACHD-14 - Develop and implement more Green Stormwater Infrastructure standards to stabilize slopes and drainage facilities and prevent erosion				
Yes	Short Term (<5yrs.)	Yes	GSI policy and design standards created in 2017. No progress to report.	No Progress
ACHD-15 - Capitol Boulevard Bridge #2202 Scour Repair - Post 2017 Flood Add Rip Rap against 2 bridge piers				
Yes	Short Term (<5yrs.)	Yes	Construction was completed in 2019.	Completed
ACHD-16 - Fairview Avenue Bridge #2197 Scour Repair- Post 2017 Flood Add Rip Rap against 2 bridge piers				
Yes	Short Term (<5yrs.)	Yes	Construction was completed in 2019	Completed
ACHD-17 - East Park Center Bridge #2208 Scour Repair - Post 2017 Flood Add Rip Rap against easterly river bank				
Yes	Short Term (<5yrs.)	Yes	Construction completed in 2019	Completed
City of Boise				
B01 - Esther Simplot Park Flood Channel; a flood study of the Boise River between Main St. and Veteran's Memorial Park bridges is underway and expected to result in a project to modify overbank areas in the park to reduce flood potential in both Garden City and Boise City.				
Yes	Short Term (<5yrs.)	Yes	Construction was completed as part of Esther Simplot Whitewater Park Phase 2 project this past year. The final Letter of Map Revision (LOMR) will be submitted to FEMA for approval late this year (2021). With the LOMR approval the Flood Insurance Rate Maps (FIRM) will be modified in this area to include all improvements and increased conveyance channels.	Ongoing Capability
B02 - Maintain a GIS-based Wildland-Urban Interface (WUI) Riskmap including multiple values at risk within the built and natural environments. Improve individual parcel data with wildfire assessments. Maintain a public website and assessment portal to share data and educate on risk and community wildfire adaptation. Also see North Ada County Fire & Rescue (NACFR) and Whitney Fire District Initiatives.				
Yes	Short Term (<5yrs.)	Yes	This is an ongoing program, which will likely need additional future funding to conduct updates to the Riskmap (e.g. LiDAR, Rapid Eye imagery and data translation).	Ongoing Capability

B03 - Conduct wildland fire prevention education and outreach to support and promote fire adapted communities. Focus on fuel reduction on private property around new and existing homes via incentivizing homeowners, providing free debris pick-up and replacement Firewise vegetation at a discount.				
Yes	Short Term (<5yrs.)	Yes	Consistent funding mechanisms will need to be found to create an annual woody debris pickup program.	Ongoing Capability
B04 - Fire Station Seismic Upgrades: Boise Fire has already identified two buildings with major seismic problems (including the Logistics/Maintenance building) at a cost of two million dollars. This project will perform a vulnerability assessment on 16 other Fire facilities and initiate upgrades. Also see N. Ada County Fire & Rescue Initiative #2.				
Yes	Long Term (5+yrs.)	Yes	Seismic and general structural condition of all fire stations are being evaluated as part of a general fire station needs analysis. Remodel needs will be identified and prioritized in 2020 and a project plan will then be developed.	Ongoing Capability
B05 - Flood Containment Facility Maintenance: Continue to maintain foothills flood containment facilities such as the Cottonwood flood ponds and flume, etc.				
Yes	Short Term (<5yrs.)	Yes	Ongoing indefinitely. Facilities are inspected, monitored and maintained on reoccurring basis.	Ongoing Capability
B06 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to; enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes		Yes	The City continues to maintain good standing under the program. We meet or exceed the NFIP requirements through enforcement of our ordinance. City adopted a new flood insurance study that expanded the boundaries of the floodplain. A concurrent amendment, updating theregulations for development in the floodplain was approved. Both the new floodplain maps and regulations became effective June 19, 2020.	Ongoing Capability
B07 - Continue to maintain/enhance the City's classification under the Community Rating System				
Yes		Yes	We will maintain or Class 6 rating at a minimum. Our annual public outreach letters include detailedinformation including a flood map, the history and the nature of flood events in Boise, how the	Ongoing Capability

			floodplain is regulated, how to prepare for and maintain safety in flood events and a detailed list of contacts. Boise provides proof of all the monitoring, record keeping, reporting, system maintenance and training necessary for a Class 6 rating. The recent amendment to the development code will help maintain the rating.	
B08 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
Yes	Long Term (5+yrs.)	Yes	Current discussions and analysis of potential plans are ongoing.	Ongoing Capability
B09 - Update and adopt a new Wildland Urban Interface (WUI) Code to replace the existing code. Improve and update existing WUI hazard zones.				
Yes	Short Term (<5yrs.)	Yes	Fire Marshal's office is in the process of vetting an update to the WUI section of Boise City Ordinance as well as updating WUI hazard areas.	Ongoing Capability
B10 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern				
Yes		Yes	Ongoing discussions and considerations during all project planning, analysis, and educations programs.	Ongoing Capability
B11 - Support County-wide initiatives identified in Volume 1.				
Yes		Yes	Continued efforts to coordinate with identified stakeholders.	Ongoing Capability
B12 - Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes		Yes	Key representatives from each identified area continue to coordinate and provide information to and from their respective areas.	Ongoing Capability
B13 - Offer NOAA SKYWARN Spotter Training for community members to encourage awareness and better ability to provide local information for weather predictions.				
Yes	Short Term (<5yrs.)	Yes	Classes held every other year, sponsored by NWS	Ongoing Capability

B14 - For the Alto Via landslide, support evaluation of remediation, purchase or relocation of structures to prevent future damage and repetitive losses with the goal of pursuing mitigation.;Review_status_id: -;				
Yes	Short Term (<5yrs.)	Yes	Five of the six structures has been removed. Grading has been completed to prevent ponding and runoff of water. Continue monitoring area to determine rate of movement.	Ongoing Capability
B15 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment.				
Yes	Long Term (5+yrs.)	Yes	The City of Boise continues to work with local experts in combination with best practices on all projects. Public Works Engineering staff is resolved in ensuring our riverbanks are not completely rocked and is using techniques to soften the bank repairs, when applicable, with vegetation and natural techniques.	Ongoing Capability
B16 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation projects. Ongoing engagement with stakeholders to reduce the impact of wildfire to our natural landscapes and the built environment.				
Yes		Yes		Ongoing Capability
City of Eagle				
E-01 - Partner with Federal Agencies to install electronic flow monitoring stations on the North Channel of the Boise River Eagle Rd Bridge and Dry Creek Drainage at the Eagle Rd Bridge. Both monitoring stations shall be capable of feeding data to USGS stream flow web site, or other applicable collection sources.				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
E-02 - Partner with ACHD on bridge replacement of Dry Creek Bridge @ Floating Feather, w/o Eagle Rd Replacement. Replace structure to increase freeboard reduce restriction on Dry Creek.				
Yes	Short Term (<5yrs.)	Yes		Completed

E-03 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to; enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes		Yes		Ongoing Capability
E-04 - Continue to maintain/enhance the City's classification under the Community Rating System				
Yes		Yes		Ongoing Capability
E-05 - Integrate Multi-Hazard Mitigation Plan into future updates to the City of Eagle Comprehensive Plan.				
Yes	Long Term (5+yrs.)	Yes		Ongoing Capability
E-06 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
Yes	Long Term (5+yrs.)	Yes		Ongoing Capability
E-07 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
E-08 - Consider the formation of a Surface Water Utility district and/or a Capital Improvements program for drainage, as a method of funding the mitigation of stormwater impacts created by new development.				
Yes	Long Term (5+yrs.)	Yes		No Progress
E-09 - Partner with other appropriate agencies within the planning area, such as Ada County, in the development of a comprehensive stormwater management plan that will evaluate the projected impacts of future development in the watersheds that impact the City of Eagle and make regional recommendations to mitigate those impacts.				
Yes	Long Term (5+yrs.)	Yes		No Progress

E-10 - Support County-wide initiatives identified in Volume 1.				
Yes		Yes		Ongoing Capability
E-11 - Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes		Yes		Ongoing Capability
E-12 - Action #E-12—In partnership with Eagle Fire Protection district, continue to support wildfire mitigation projects such as those sponsored by the Healthy Hills initiative within the eagle City limits or urban growth area.				
Yes		Yes		Ongoing Capability
E-13 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment.				
Yes		Yes		Ongoing Capability
City of Kuna				
K-01 - Standardized Regulation of HVAC and Life Safety Code				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
K-02 - Develop and maintain an inventory of City Critical Facilities				
Yes		Yes	I believe this action is complete as of this date, however I also believe this is an item that needs to stay in the forefront and can never truly be completed.	Ongoing Capability
K-03 - Open Space Preservation in identified high risk hazard area				
Yes		Yes	This is being completed with our Comprehensive Plan, it is currently in the last stages of being approved at the City level and should be heading to the County sometime there after. In approval process 8/13/20	Ongoing Capability
K-04 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to: enforcing an adopted				

flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes		Yes	Hiring of our new City Engineer , the both of us are dedicated and supported by the Public Works Director to get more FEMA training and to ultimately become Floodplain Manager Certified.	Ongoing Capability
K-05 - Continue to integrate Multi-Hazard Mitigation Plan into future updates of the Kuna Comprehensive Plan				
Yes		Yes	Our Comprehensive Plan is currently under its last stages of review.	Ongoing Capability
K-06 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
Yes	Long Term (5+yrs.)	Yes	I dont know of any properties that have sustained any damage more or less repeated damages?	No Progress
K-07 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Long Term (5+yrs.)	Yes	In our Comprehensive Plan we have created buffer areas and riparian zone in and along Indian Creek, Mason Creek and several other large canals to push homes and structures back from those water ways for preservation of green space but also to hopefully mitigate any potential damages during a flood type event.	Ongoing Capability
K-08 - Support County-wide initiatives identified in Volume 1.				
Yes		Yes		Ongoing Capability
K-09 - Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes		Yes	We will gladly continue our support of this plan, now that we have corrected email and contact information.	Ongoing Capability

K-10 - Update SCADA links to all critical facilities via Cell service. Many of our sites use radio repeaters to the water tower, if we lose the water tower we lose ALL communication				
Yes	Short Term (<5yrs.)	Yes		In Progress
K-11 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach.				
Yes		Yes		Ongoing Capability
City of Meridian				
M-01 - Conduct a survey of water, sewer, fire, and police infrastructure including power generation equipment, wastewater treatment plant facilities, communications, and Supervisory Control and Data Acquisition (SCADA) equipment to analyze vulnerability to severe weather and earthquake, then design and execute improvements to mitigate				
Yes	Long Term (5+yrs.)	Yes	A survey of critical infrastructure vulnerability to severe weather and earthquake remains a goal but has not yet started. Wastewater treatment plant installed new switch for backup generator and is planning moving above ground power lines underground.	Ongoing Capability
M-02 - Become a "Firewise Community"				
Yes	Long Term (5+yrs.)	Yes	Becoming a Firewise community is still a goal of the Meridian Fire Department	Ongoing Capability
M-03 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to: enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes		Yes	City of Meridian maintains good standing under the NFIP and continues to enforce flood damage prevention ordinance through floodplain administration program.	Ongoing Capability
M-04 - Maintain, and improve where beneficial, participation rating in the Community Rating System (CRS)				
Yes		Yes	Meridian maintains a CRS Rating of 8. Currently undergoing CRS Cycle Verification in 2020.	Ongoing Capability

M-05 - Evaluate surface water protection program, including surface water restoration, stormwater management, capital improvement program integration, and potential regulatory and fee impacts.				
Yes	Short Term (<5yrs.)	Yes	Programs evaluated as part of Environmental Programs Plan update in 2019. Evaluation ongoing as Idaho takes primacy of NPDES program.	Ongoing Capability
M-06 - Partner with ACHD to implement a culvert replacement program for approximately 15 crossings of Fivemile, Ninemile, and Tenmile Creeks including design and construction.				
Yes	Long Term (5+yrs.)	Yes	Meridian provides comments to ACHD's Integrated 5 year work plan on culvert replacement program. Culvert at Fivemile Creek and Tenmile Creek Rd replacement currently under construction. A project improving a section of Ninemile Creek through downtown Meridian including culvert replacement has been moved to action M-16. Culvert at Tenmile Creek at Locust Grove currently scheduled for replacement 2020.	Ongoing Capability
M-07 - Partner with Idaho Transportation Department (ITD) to design and construct culvert improvements on Fivemile Creek at Eagle Rd and the I-84 / Eagle Road Interchange according to recommendations of "Fivemile Creek at Interstate 84—Eagle Road to Wells Street" Hydraulic Report, November 2008.				
Yes	Short Term (<5yrs.)	Yes	ITD has made culvert improvements. LOMR is approved by FEMA and file on records.	Completed
M-08 - Assist local irrigation districts with vulnerability assessments on the Ridenbaugh and New York Canal systems in the Meridian Area of Impact.				
Yes	Long Term (5+yrs.)	Yes	Developing processes and strategies as part of environmental programs plan to include irrigation facilities in hazard mitigation planning.	Ongoing Capability
M-09 - Perform an assessment to determine housing areas that would benefit from foundation elevation projects; and where appropriate, support and assist in grant funding opportunities for retrofitting, purchase or relocation projects.				
Yes	Long Term (5+yrs.)	Yes	Advising property owners of potential for hazard mitigation grant funding for appropriate properties is part of the floodplain administration program.	Ongoing Capability

M-10 - Integrate Multi-Hazard Mitigation Plan into the City of Meridian's Comprehensive Plan.				
Yes	Short Term (<5yrs.)	Yes	The Meridian City Council adopted a new Comprehensive Plan by resolution 19-2179 on December 17th, 2019. Multi-Hazard Mitigation Plan is integrated and referenced in the new comp plan. Sections Livable/Public Safety address hazards and coordination.	Ongoing Capability
M-11 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Long Term (5+yrs.)	Yes	To date, flood standards are consistent with community needs. Standards higher than the NFIP minimum remain in the new flood damage prevention ordinance effective 6/19/20. Other standards will be evaluated on on-going basis.	Ongoing Capability
M-12 - Support County-wide initiatives identified in Volume 1.				
Yes	Long Term (5+yrs.)	Yes	County-wide initiatives continue to be supported. City provides representation on hazard mitigation plan steering committee.	Ongoing Capability
M-13 - Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes		Yes	Meridian continues to support the Ada County Multi-Jurisdictional Hazard Mitigation Plan. City provides representation on hazard mitigation plan steering committee.	Ongoing Capability
M-14 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach.				
Yes		Yes	Fire safety and prevention education and outreach program is an ongoing effort of the Meridian Fire Department Public Education Division	Ongoing Capability

M-15 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment				
Yes	Long Term (5+yrs.)	Yes	Support for stream restoration with flood mitigation as part of Environmental Programs Plan. Continue to evaluate projects as opportunity arises.	Ongoing Capability
City of Star				
S-01 - Consider participation in the Community Rating System				
Yes	Short Term (<5yrs.)	Yes	Joined CRS	Completed
S-02 - Integrate Multi-Hazard Mitigation Plan into City of Star Comprehensive Plan				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
S-03 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Long Term (5+yrs.)	Yes	Adopted new floodplain ordinance.	Ongoing Capability
S-04 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
Yes	Long Term (5+yrs.)	Yes	No properties have been identified.	No Progress
S-05 - Evaluate riverbank integrity of the Boise River in the areas of interface with buildings and infrastructure. Determine and employ the best methodology to either repair damaged areas or harden other areas that may directly threaten buildings or infrastructure during high flow events.				
Yes	Long Term (5+yrs.)	Yes	Working with FCD 10 to identify and make improvements.	Ongoing Capability
S-06 - Develop a Joint Emergency Operation Plan with Star City and Star Joint Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Star will lead this all-discipline action, but Star Sewer & Water District will aid in planning for all hazards.				
Yes	Short Term (<5yrs.)	Yes	Will review and edit the 2014 EOP as needed per AAR's from exercises and real world events.	Ongoing Capability

S-07 - Develop a Continuity of Operation Plan: This plan will provide specific policies and procedures that will be carried out in the event of an emergency, including localized acts of nature, accidents, and technological or attack-related emergencies. The plan will address how the District will continue to perform essential functions in the event of compromised facilities or leadership, and how the District will return to normal operations.				
Yes	Short Term (<5yrs.)	Yes	Will address when staff time is available.	Ongoing Capability
S-08 - Support County-wide Initiatives Identified in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes		Yes		Ongoing Capability
S-09 - Actively Participate in the Plan Maintenance Protocols Outlines in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes		Yes		Ongoing Capability
S-10 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to; enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes		Yes	New floodplain codes.	Ongoing Capability
S-11 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach.				
Yes		Yes	In partnership with fire district.	Ongoing Capability
Drainage District #4				
Eagle Fire Protection District (EFD)				
EFD-01 - Continue to provide fire safety, fire prevention and FireWise education to neighborhoods, schools and community via web pages, signage and outreach				
Yes	Short Term (<5yrs.)	Yes	The fire department continually use Twitter, Face Book, and our web page to post educational messages regarding all hazards.	Ongoing Capability

EFD-02 - There are two EFD 2 this project will be monitored under the first # 2				
Yes		Yes	Reduction of fuels within Avimor PC The planting of the Forage Kochia was completed site being monitored for new plant growth.	In Progress
EFD-02 - Reduce the determined vegetation which can fuel a rapid spreading wildland fire through the means of mechanical mowing of invasive grass and brush in the wildland urban interface				
Yes	Long Term (5+yrs.)	Yes	One project completed in Avimor and this will be ongoing.	Ongoing Capability
EFD-03 - Partnering with adjoining jurisdictions in purchasing specialized equipment to reduce and eliminate invasive grasses through the means of applying herbicides and replanting of fire resistant native plant species in the wildland urban interface.				
Yes	Long Term (5+yrs.)	Yes		Ongoing Capability
EFD-04 - Partnering with adjoining jurisdictions to rehabilitate areas impacted by wildfire for wildlife while sustaining access to recreational trails and to prevent erosion				
Yes	Long Term (5+yrs.)	Yes	Continue to work with partner agency's on this project	Ongoing Capability
EFD-05 - Partner with Federal agencies to install electronic flow monitoring stations on the North Channel of the Boise River Eagle Rd. Bridge and Dry Creek Dry Creek drainage at Eagle Rd. Bridge.				
Yes	Long Term (5+yrs.)	Yes	This project to be removed as USGS can provided rapid deployment gauges.	No Progress
EFD-06 - Host a community wide open house to increase public awareness of all hazards within the Eagle Fire Protection district and response capabilities of the jurisdiction.				
Yes	Short Term (<5yrs.)	Yes	Annually every October the Eagle Fire Department holds an open house. This is done to increase the public's awareness of the hazards in the fire district and what our response capabilities are. Last October we had approximately 600 + people attend our open house.	Ongoing Capability

EFD-07 - Partner with appropriate local authorities to establish right-of-way and construct a roadway that will allow access on to State Hwy 44 from Plaza Dr. to enhance the response capabilities for the Eagle Fire Dept. and Ada County Sheriff's Dept.				
Yes	Short Term (<5yrs.)	Yes	The Eagle Fire Department is current working with the City of Eagle and the developer of the property to construct Palmetto Ave. This would connect hwy. 44 to Plaza Drive. In turn this would enhance our response capabilities by reducing our response time as well as the response time for the Eagle Police.	Ongoing Capability
EFD-08 - Support County wide initiatives identified in Volume 1				
Yes		Yes		Ongoing Capability
EFD-09 - Support County wide initiatives identified in Volume 1				
Yes		Yes	Initiative repeated	Ongoing Capability
EFD-10 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation projects.				
Yes		Yes		Ongoing Capability
Eagle Sewer District (ESD)				
ESD-1 - Lagoon Berm Evaluation and Stabilization: High flow velocities during flooding events could potentially cause erosion at the toe of the lagoon berms and, although unlikely, possibly cause structural failure. Perform hydraulic modeling of the river channel and estimate potential for erosion of the lagoon berm. If deemed necessary, the placement of rip-rap and/or other measures would be pursued to reduce lagoon dike erosion. (In Progress)				
Yes		Yes	Applications have been applied for and permits received for constructing additional rock barbs into the Boise River. (Completed) Additional applications have been applied for for reconstruction of the lagoon berms.	In Progress

ESD-2 - Raise Portions of the Wastewater Treatment Plant, Mace Lift Station (Completed 2019), and Old valley Lift Station access roads: Portions of the road leading to these facilities are below the 100-year and 500-year flood elevations. To ensure that District staff can access wastewater treatment and operation facilities during a flooding event, low sections of access roads should be raised.				
Yes	Short Term (<5yrs.)	Yes	Plans have been prepared and applications applied submitted to agencies.	In Progress
ESD-3 - Control Building and Outbuilding Berm Option: To protect the Operations and several outbuilding at the wastewater treatment site against possible flooding, a small berm might be constructed around the perimeter of this area.				
Yes	Long Term (5+yrs.)	Yes	Applications have been submitted to agencies for review	In Progress
ESD-4 - Develop a Joint Emergency Operation Plan with Eagle City and Eagle Fire District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Eagle will lead this all-discipline action, but Eagle Sewer District will aid in planning for all hazards.				
Yes		Yes	A plan was developed several years ago, however this plan has not been updated since original creation.	No Progress
ESD-5 - Develop a Continuity of Operation Plan: This plan will provide specific policies and procedures that will be carried out in the event of an emergency, including localized acts of nature, accidents, and technological or attack-related emergencies. The plan will address how the District will continue to perform essential functions in the event of compromised facilities or leadership, and how the District will return to normal operations.				
Yes		Yes	There is a plan, however it has not been updated for a while.	Ongoing Capability
ESD-6 - Support County-wide Initiatives Identified in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes		Yes	Ongoing - continued support and communication.	Ongoing Capability
ESD-7 - Actively Participate in the Plan Maintenance Protocols Outlined in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes		Yes	continued communication and work with the other agencies.	Ongoing Capability

Flood Control District #10 (FCD10)

FCD10-01 - Support CRS program participation of participating jurisdictions within Ada County that interface with the FCD #10 operational area.

Yes		Yes		Ongoing Capability
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FCD10-02 - Remove naturally occurring vegetative blockages in the river channels as necessary.

Yes		Yes		Ongoing Capability
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FCD10-03 - Modify FCD #10 website to include links to flood hazard mitigation and preparedness sites.

Yes		Yes		Ongoing Capability
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FCD10-04 - Develop partnership with local City/County Planning and Zoning staffs to mitigate flood risk

Yes		Yes		Ongoing Capability
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FCD10-05 - Update FEMA mapping within the District. Conduct on-site vetting of FEMA mapping and provide analysis to local agencies

Yes		Yes		In Progress
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FCD10-06 - Conduct analysis of impacts of removing accumulated sediment from Boise River and Dry Cr.

Yes		Yes		Completed
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FCD10-07 - Develop long term plan to manage Boise River at the Head of Eagle Island split.

Yes		Yes		Ongoing Capability
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FCD10-08 - Develop floodplain mitigation techniques to apply vegetative structures in the stream channels.

Yes	Long Term (5+yrs.)	Yes		Ongoing Capability
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FCD10-09 - Irrigation Diversion Headgate Flood Mitigation

Yes		Yes		Ongoing Capability
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FCD10-10 - Support County-wide initiatives identified in Volume 1				
Yes		Yes		Ongoing Capability
FCD10-11 - Continue to support the implementation, monitoring, maintenance and updating of this plan as defined in Volume 1.				
Yes		Yes		Ongoing Capability
FCD10-12 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation projects when requested.				
Yes		Yes		Ongoing Capability
Garden City				
GC-01 - Green Infrastructure Flood Mitigation—Garden City needs a plan that identify strategic locations for alternate flood mitigation efforts, with an emphasis on green infrastructure to reduce floodplain and anticipated Base Flood Elevations. An example of such an effort may be identifying a location for an engineered parkland that is utilized to provide additional floodplain capacity and groundwater recharge.				
Yes	Short Term (<5yrs.)	Yes	There is a continued effort with USACE to review possible green infrastructure flood mitigation.	Ongoing Capability
GC-02 - Levees Analysis Levee Analysis—There are a number of unaccredited levees in Garden City. Garden City needs an inventory of levees to determine condition and viability of the levees in Garden City and their hydraulic significance. If any of the levees could be hydrologically significant; include a cost estimate and a cost benefit analysis of accrediting or provisionally accrediting each levee, and the sustainability of required maintenance.				
Yes	Short Term (<5yrs.)	Yes	Garden City has been working with USACE on a potential GI study	Ongoing Capability
GC-03 - Water and Sewer Pipe replacement				
Yes		Yes	Public Works continues with sewer and water pipe replacement	Ongoing Capability

GC-04 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to: enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes		Yes		Ongoing Capability
GC-05 - Continue to maintain/enhance the City's classification under the Community Rating System				
Yes		Yes		Ongoing Capability
GC-06 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
Yes	Long Term (5+yrs.)	Yes		Ongoing Capability
GC-07 - Integrate Multi-Hazard Mitigation Plan into the Garden City Comprehensive Plan.				
Yes	Short Term (<5yrs.)	Yes	Adopted by reference in the Comprehensive Plan on July 22, 2019	Completed
GC-08 - Establish emergency preparedness inventory with inspection and replacement plan				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
GC-09 - Maintain Capital Improvement Plan for capital facilities/infrastructure within the City.				
Yes		Yes	The City maintains a CIP for capital infrastructure within the City.	Ongoing Capability
GC-10 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known				
Yes	Short Term (<5yrs.)	Yes	Garden City has adopted higher regulatory standards through the flood hazard ordinance.	Completed
GC-11 - Support County-wide initiatives				
Yes		Yes		Ongoing Capability

GC-12 - Continuity of Operations Plan				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
GC-13 - EOP Emergency Operations Plan				
Yes	Short Term (<5yrs.)	Yes	Adopted RES1013-16 on June 27, 2016. Annual Reviews are required.	Ongoing Capability
Greater Bosie Auditorium District (GBAD)				
GBAD-01 - Elevate Critical Equipment From Basement				
Yes	Short Term (<5yrs.)	Yes	No solution settled on or funded at this time.	No Progress
GBAD-02 - Flood Proof Critical Equipment In Basement				
Yes	Short Term (<5yrs.)	Yes	No solution or funding available at the time.	No Progress
GBAD-03 - Secure Drop Ceiling Light Fixtures To Standard				
Yes	Short Term (<5yrs.)	Yes	Beginning process of assessing structure and ceiling. Currently evaluating structure and electrical. This project will be planned for 2022, but is subject to change following COVID-19's economical impact on our organization.	Ongoing Capability
GBAD-04 - Water Storage Tank- Clean water in case of contamination to city/public water.				
Yes	Long Term (5+yrs.)	Yes	No current funds or solution in place. Looking at this for future years to help with resiliency for community disaster relief.	No Progress
GBAD-05 - Support, Monitor, and Continually Update This Plan				
Yes		Yes	Current review in progress and ongoing. Actively participating in process.	Ongoing Capability
GBAD-06 - Support and Be Actively Involved With Ada County Plan				
Yes		Yes	Current review in progress and ongoing. Actively participating in process.	Ongoing Capability

Independent School District of Boise #1 (BSD1)**BSD1-01 - Retrofit Unreinforced Masonry Structures**

Yes	Long Term (5+yrs.)	Yes	Continues through retrofit of existing structures and the completion of several new buildings.	Ongoing Capability
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BSD1-02 - Mobile Generators for Shelter Facilities

Yes	Short Term (<5yrs.)	Yes	Continue to fund as budget is allowing	Ongoing Capability
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BSD1-03 - Partner with ACEM for disaster response and preparedness, including updates to the county EOP

Yes		Yes	Continues. EOPs have successfully been shared with community resources including access to live cameras at all sites and electronic door access.	Ongoing Capability
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BSD1-04 - Continue internal (staff) and external (student/family) hazard education programs.

Yes		Yes	Progress continues and now includes ISCRS.	Ongoing Capability
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BSD1-05 - Coordinate building EOP documents into county-wide EOP parameters

Yes	Short Term (<5yrs.)	Yes	Continues. EOPs now incorporates ISCRS at all facilities.	Ongoing Capability
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BSD1-06 - Support County-wide initiatives identified in Volume 1.

Yes		Yes	Continues district wide	Ongoing Capability
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BSD1-07 - Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.

Yes		Yes	Continues district wide	Ongoing Capability
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Joint School District #2 (JSD2)**JSD2-01 - Conduct structural and nonstructural feasibility studies and retrofits of district facilities to minimize injuries and damage from flood, earthquake and severe weather.**

Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
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JSD2-02 - Install hail guards over roof top HVAC units.				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
JSD2-03 - Train Maintenance staff to perform visual screening for potential seismic hazards.				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
JSD2-04 - Install drainage collectors at district facilities experiencing flooding.				
Yes	Long Term (5+yrs.)	Yes		Ongoing Capability
JSD02-05 - Create and maintain a hazard mitigation web page on the District's				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
JSD2-06 - Develop and maintain a Continuity of Operations Plan (COOP)				
No	Short Term (<5yrs.)	Yes		No Progress Reported
JSD2-07 - Continue to support the implementation, maintenance, and updating of the Ada County Hazard Mitigation Plan.				
Yes		Yes		Ongoing Capability
JSD2-08 - Partner with cities and county to provide public education and awareness of potential natural disasters in Ada County.				
Yes		Yes		Ongoing Capability
Kuna Rural Fire District (KFD)				
KFD-01 - Support County-wide initiatives identified in Volume 1				
Yes		Yes		Ongoing Capability

KFD-02 - Continue to support the implementation, monitoring, maintenance, and updating of the Plan, as defined in Volume 1.				
Yes		Yes		Ongoing Capability
KFD-03 - Comply with all applicable building and fire codes, as well as other regulations when constructing or significantly remodeling infrastructure facilities.				
Yes		Yes		Ongoing Capability
KFD-04 - Ensure a reliable source of water for fire suppression (meeting acceptable standards for minimum volume and duration of flow) for existing and new development.				
Yes		Yes		Ongoing Capability
KFD-05 - Develop and maintain a coordinated approach between fire jurisdictions and water supply agencies to identify needed improvements to the water distribution system, initially focusing on areas of highest wildfire hazard.				
Yes		Yes		Ongoing Capability
KFD-06 - Ensure all dead-end segments of public roads in high hazard areas have at least a “T” intersection turn-around sufficient for typical wildland fire equipment.				
Yes		Yes		Ongoing Capability
KFD-07 - Require that development in high fire hazard areas provide adequate access roads, onsite fire protection systems, evacuation signage and fire breaks				
Yes		Yes	Ongoing process	Ongoing Capability
KFD-08 - Ensure adequate fire equipment road or fire road access to developed and open space areas.				
Yes		Yes		Ongoing Capability

KFD-09 - Construct a Railroad overpass to access south side of Kuna for emergency access and evacuation routes. Approx. 70 trains pass through and often block access to large portion of the District.				
Yes	Long Term (5+yrs.)	Yes	Funding not identified at this time	No Progress
KFD-10 - Evacuation routes, map and mark evacuation options from southern portion of District. Provide public education in regards to evacuations.				
Yes		Yes		Ongoing Capability
KFD-11 - Increase communication capabilities between agencies, coordination of radio types and use of existing and new systems.				
Yes		Yes	Vehicle radios need update, handheld are inter-operable.	Ongoing Capability
North Ada County Fire & Rescue (NACFR)				
NACFR-01 - Develop consistent standards for development in high-risk/underserved areas				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
NACFR-02 - Conduct wildland-urban interface GIS-based hazard assessment				
Yes	Short Term (<5yrs.)	Yes	Boise Fire Interra Project	Ongoing Capability
NACFR-03 - Perform Earthquake Retrofitting of Fire Stations 16, 18, 20				
Yes	Short Term (<5yrs.)	Yes		No Progress
NACFR-04 - Continue Firewise Community program for residents in the foothills				
Yes		Yes		Ongoing Capability
NACFR-05 - Conduct Location/Construction Study for new Flood/Earthquake resistant Fire Station to replace Station 16				
Yes	Short Term (<5yrs.)	Yes		No Progress

NACFR-06 - Construct new flood/earthquake resistant fire station				
Yes	Long Term (5+yrs.)	Yes		No Progress
NACFR-07 - Campaign to get neighborhoods to revise covenants and homeowners' association (HOA) rules to mitigate natural hazards.				
Yes	Short Term (<5yrs.)	Yes	WUI/Firewise education programs ongoing, other hazards currently not being addressed	In Progress
NACFR-08 - Action #NACFR-8—Modify NACFR web-site to include links to hazard mitigation and preparedness sites.				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
NACFR-09 - Establish Strategic Planning process for foothills				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
NACFR-10 - Develop/enhance ability to capture perishable data , including dollar values, after significant events				
Yes	Short Term (<5yrs.)	Yes		No Progress
NACFR-11 - Actively participate in Plan maintenance protocols as defined in Volume 1 of the Multi-Hazard Mitigation Plan.				
Yes		Yes		Ongoing Capability
NACFR-12 - Support the county-wide initiatives identified in Volume 1 of the Multi-Hazard Mitigation Plan.				
Yes		Yes		Ongoing Capability
NACFR-13 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach.				
Yes		Yes		Ongoing Capability

NACFR-14 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation projects.				
Yes		Yes		Ongoing Capability
Star Joint Fire Protection District (SFD)				
SFD-01 - Support County-wide initiatives identified in Volume 1				
Yes		Yes		Ongoing Capability
SFD-02 - Action #SFD-2 Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes		Yes		Ongoing Capability
SFD-03 - Conduct outreach with property owners in the WUI to encourage Firewise landscape.				
Yes		Yes		No Progress
Star Sewer & Water District (SWSD)				
SWSD-01 - Add Backup Generators to Trellis Wells: The groundwater wells in the Trellis Subdivision currently have no backup power source to continue operating in the case of a power outage. To continue to provide service during hazards, both wells will be equipped with backup generators.				
Yes	Short Term (<5yrs.)	Yes	Well 1 backup generator has been installed. Annexation agreements are be prepared for new subdivisions located in the District that will require upgrades, including backup a generator for Well 2	Ongoing Capability
SWSD-02 - Add Backup Generator to River Ranch Lift Station: The lift station currently has no backup power source to continue operating in the case of a power outage. To continue to provide service during hazards, the lift station will be equipped with a backup generator.				
Yes	Short Term (<5yrs.)	Yes	As the subdivision is now active again the developer is being required to install the new generator.	Ongoing Capability

SWSD-03 - Waterproof Manholes in 100-year Floodplain: The sewer collection system has many pipes and manholes that are in the 100-year floodplain. The manhole lids and structures are not waterproof and could pose significant risk to other facilities if flood water were to enter through the manholes.				
Yes	Long Term (5+yrs.)	Yes	Manholes are being identified and new policies are being prepared. New construction requires manhole rims to be located 0.5 feet above the base flood elevation.	Ongoing Capability
SWSD-04 - Assess Flood Risk of WWTP, Western Regional Lift Station, and River Ranch Lift Station: The risk to these facilities has not been evaluated since new FIRM maps were created. In order to prevent possible damage from flood events, a flood risk evaluation should be completed.				
Yes	Short Term (<5yrs.)	Yes	Waiting on the adoption of the new FEMA maps for Ada County.	No Progress
SWSD-05 - Develop a Joint Emergency Operation Plan with Star City and Star Joint Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Star will lead this all-discipline action, but Star Sewer & Water District will aid in planning for all hazards.				
Yes	Short Term (<5yrs.)	Yes	Plan needs reviewed and updated.	No Progress
SWSD-06 - Develop a Continuity of Operation Plan: This plan will provide specific policies and procedures that will be carried out in the event of an emergency, including localized acts of nature, accidents, and technological or attack-related emergencies. The plan will address how the District will continue to perform essential functions in the event of compromised facilities or leadership, and how the District will return to normal operations.				
Yes	Short Term (<5yrs.)	Yes	The treatment plant is in the middle of a major upgrade. Plans are being prepared after completion the current District Operation Plan will be reviewed and updated.	Ongoing Capability
SWSD-07 - Support County-wide Initiatives Identified in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes	Short Term (<5yrs.)	Yes	SSWD will continue to work with other agencies.	Ongoing Capability
SWSD-08 - Actively Participate in the Plan Maintenance Protocols Outlined in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes		Yes	SSWD is working with other agencies and supporting their efforts.	Ongoing Capability

SWSD-09 - SCADA System at Trellis Wells: The wells in the Trellis subdivision currently don't have any emergency alert system or automatic operational controls in place. In order to receive emergency alerts from these wells, a SCADA system must be installed and this system must have cable or satellite communication with the District operations office.				
Yes	Short Term (<5yrs.)	Yes	SCADA improvements have been completed for Well 1. Well 2 improvements are anticipated as part of new generator improvements to be completed by developers in the next few years.	Ongoing Capability
SWSD-10 - Water Tank Power & SCADA (Supervisory Control and Data Acquisition): The water tank currently receives power from solar panels and batteries. In addition, there is no SCADA system. In case of an emergency, a backup primary power supply would provide more reliability in operations for the water tank; primary power supply will be extended to the tank as part of this project. In order to receive emergency alerts from the tank, a SCADA system must be installed and this system must have cable or satellite communication with the operations office.				
Yes	Short Term (<5yrs.)	Yes	Upgrades to the water tank are currently being prepared.	Ongoing Capability
SWSD-11 - Add Backup Generator at the WWTP: The WWTP currently has one backup power generator, but this generator is not capable of powering the entire plant. A second backup generator is recommended to improve redundancy and expand backup power to full plant operations.				
Yes	Short Term (<5yrs.)	Yes	Plans are currently being prepared for a WWTP expansion. Improvements will include an additional generator that will meet the needs of the WWTP	Ongoing Capability
Unincorporated Ada County				
AC001 - Evaluate the cost-effectiveness of raising the walls around the Courthouse basement entries to mitigate the threat of water coming into the basement and flooding the electrical room and generator. Include the Parking structures to the east of the courthouse in the study.				
Yes	Long Term (5+yrs.)	Yes	Project is considered no longer feasible, remove from plan.	Discontinued
AC002 - Install Bypass switches to 400 Benjamin—east electrical room to allow for tie-in of a back-up Generator. Maintain essential government services during loss of power. This building is also a backup location for other county offices that could lose functionality during a flood.				
Yes	Short Term (<5yrs.)	Yes	Bypass and generator have been installed.	Completed

AC003 - Perform a study to determine the most cost effective method of enhancing the back-up power at the Courthouse so that the facility could maintain full services to the public.				
Yes	Long Term (5+yrs.)	Yes	It was determined that transferring the transformers to Idaho Power would provide the best alternative for providing redundancies and return to service capabilities. This action was taken.	Completed
AC004 - Keep First Responder Facilities out of Flood areas where ever possible. When not possible due to response time issues, design the facilities to keep water from entering, i.e. retaining walls, raise finish floor elevations.				
Yes	Long Term (5+yrs.)	Yes	Ongoing effort, must balance location circumstances with response times.	Ongoing Capability
AC005 - Examine and determine the most effective method to harden irrigation canals (i.e. tiling) in areas of high urban interface to prevent the flooding of residences and businesses without losing essential ground water recharge.				
Yes	Long Term (5+yrs.)	Yes	Project requires additional coordination with irrigation facility providers.	No Progress
AC006 - Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include but are not limited to; enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.				
Yes	Short Term (<5yrs.)	Yes	Ongoing process to include mailings to floodplain residents, insurance companies and lenders.	Ongoing Capability
AC007 - Assess and prioritize non-structural seismic retrofit needs of County-owned facilities. Once appropriate, cost-effective retrofit measures have been identified, implement the actions based on available funding and resources.				
Yes	Long Term (5+yrs.)	Yes	Projects are assessed on an as needed basis as part of budgeted building maintenance and remodeling. No major retrofit has been identified as of yet.	Ongoing Capability
AC008 - Continue outreach to Irrigation Districts in an effort to encourage their participation in the Mitigation Plan as planning partners.				
Yes	Short Term (<5yrs.)	Yes	This will be on ongoing action that will include coordination with the US Bureau of Reclamation.	Ongoing Capability

AC009 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term (<5yrs.)	Yes	Continuing review of national standards and adoption of relevant codes to reduce risk.	Ongoing Capability
AC010 - Maintain an active Public Outreach strategy using the web, social media, emails and public presentations to inform the public how to personally prepare for and mitigate the hazards of concern.				
Yes	Short Term (<5yrs.)	Yes	This is a constant process conducted by Ada County Emergency Management and Community Resilience (EMCR). The Community Outreach Specialist conducts in-person presentations, writes a monthly preparedness pointer and informs the public through the agency website and social media platforms: Facebook, Twitter, NextDoor.	Ongoing Capability
AC011 - Maintain emergency alert phone system to notify residents of evacuations orders and procedures during a natural hazard event.				
Yes	Short Term (<5yrs.)	Yes	Ada County Dispatch maintains CodeRed, an IPAWS enabled platform, to conduct Community Mass Notification as needed.	Ongoing Capability
AC012 - Consider the formation of an Open Space and Mitigation District. The district would manage acquired lands using practices that balanced the needs of community open space and recreation with appropriate mitigation activities that reduce or eliminate 3 known hazards of concern. Purposed activities include but are not limited to the maintenance of lands purchased in the floodplain, slope stabilization through low biomass native vegetation projects and the creation and maintenance of fire safe buffers in the WUI.				
Yes	Long Term (5+yrs.)	Yes	At this time, funding for such a district has not been identified.	No Progress
AC013 - Participate in Dam Failure and high water release exercises conducted by Army Corps of Engineers				
Yes	Short Term (<5yrs.)	Yes	The agency participates in annual exercises conducted by either USACE or BOR.	Ongoing Capability
AC014 - Maintain an active dialogue with all the partners involved in the release rates of water from Lucky Peak Dam. Continue to seek a balance in the regulated flows that meets the needs of agricultural water users, flood control for urban areas and river recreationists.				
Yes	Short Term (<5yrs.)	Yes	EMCR maintains an active dialogue with both USACE and the BOR. One of the primary points of contact is through the Idaho Silver Jackets.	Ongoing Capability

AC015 - Continue to maintain/enhance the County's classification under the Community Rating System.				
Yes	Short Term (<5yrs.)	Yes	Ada County actively pursues this goal through emergency, mitigation and community planning.	Ongoing Capability
AC016 - Integrate Multi-Hazard Mitigation Plan into the 2016 update to the Ada County Comprehensive Plan.				
Yes	Long Term (5+yrs.)	Yes	Key elements of the Mitigation Plan were included in the Ada County 2025 Comprehensive Plan Update.	Completed
AC017 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, prioritizing properties with a history of repetitive loss or very high exposure to risk.				
Yes	Long Term (5+yrs.)	Yes	No building have been identified at this time.	Ongoing Capability
AC018 - Support County-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	Yes		Ongoing Capability
AC019 - Action #AC019—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term (<5yrs.)	Yes	BATool purchased and implemented as a means of streamlining this process for all partners.	Ongoing Capability
AC020 - Where appropriate, relocate or harden governmental records and service facilities currently located in hazard-prone areas. If the facilities cannot be relocated, determine and employ the most cost-effective methodologies to protect facilities from future potential damage caused by the known hazards of concern.				
Yes	Long Term (5+yrs.)	Yes	Records are in process of being digitized and maintained on servers outside of known hazard zones.	Ongoing Capability
AC021 - Evaluate flood, Dam Failure and earthquake risk to all Paramedic Stations and identify cost-effective solutions to mitigate those risks.				
Yes	Short Term (<5yrs.)	Yes	Tools have been developed to perform initial study.	Ongoing Capability

AC022 - Identify and install appropriate resources to ensure Barber Dam operations are uninterrupted by a loss of power. Solutions include a SCADA (supervisory control and data acquisition) system upgrade and/or backup power (generator, battery etc.).				
Yes	Short Term (<5yrs.)	Yes	This project has been reviewed and found not to be feasible.	Discontinued
AC023 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment.				
Yes	Long Term (5+yrs.)	Yes	Ongoing process, work to restore banks after 2017 flooding is being conducted in accordance with this initiative. Most of the repairs have been completed and included green solutions where applicable.	Ongoing Capability
Whitney Fire Protection District (WFPD)				
WFPD-01 - Enforce existing wildland urban interface standards in Ada County.				
Yes		Yes		Ongoing Capability
WFPD-02 - Require Local Fire District Approval of Water and Access Requirements for all projects.				
Yes		Yes		Ongoing Capability
WFPD-03 - Promote adoption of Firewise for development within the wildland urban interface Overlay				
Yes		Yes		Ongoing Capability
WFPD-04 - Support County-wide initiatives identified in Volume 1.				
Yes		Yes		Ongoing Capability
WFPD-05 - Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes		Yes		Ongoing Capability

WFPD-06 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach.				
Yes		Yes		Ongoing Capability

Changes That May Impact Implementation of the Plan

Recommendations for Changes or Enhancements

The partner reporting period will be moved from June to February, followed by a Steering Committee Meeting in March.

Public review notice

The contents of this report are considered to be public knowledge and have been prepared for total public disclosure. Copies of the report have been provided to all planning partners. The report is posted on the [Ada County Emergency Management and Community Resilience](#) website.

**TABLE 3
NEW ACTIONS**

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
Ada County Highway District (ACHD)				
ACHD-18 - Linder Rd Bridge #2036 over North Channel of Boise River: Scour Repair Add Rip Rap around pier #3				
Yes	Short Term (<5yrs.)	Yes	Repairs to be completed in the fall of 2020	In Progress
ACHD-19 - Swan Falls Bridge #2094 over Indian Creek: Scour Repair Add Rip Rap around all piers				
Yes	Short Term (<5yrs.)	Yes	Repair will be completed in the fall of 2020	In Progress
ACHD-20 - Americana Blvd Bridge #2200 over the Boise River: Scour Repair Add Rip Rap around pier #1				
Yes	Short Term (<5yrs.)	Yes	Repair to be completed in the fall of 2020	In Progress
ACHD-21 - Star Road Bridge #2030 over the Boise River: Scour Repair Add Rip Rap around piers #2 and #3, and south abutment.				
Yes	Short Term (<5yrs.)	Yes	Repair to be completed in the fall of 2020	In Progress
City of Meridian				
M-16 - The Ninemile creek flood resilience project replaces and realigns existing culverts, pipeline and drainage from Franklin Rd to the Union Pacific Railroad Tracks near Meridian Rd. Project will significantly reduce flood risk protecting structures and infrastructure including critical energy and transportation lifelines.				
Yes	Long Term (5+yrs.)	Yes	Under a technical assistance agreement, FEMA prepared a technical analysis validating impacts to the SFHA and reduced loss exposure based on the selected project design. A screening Benefit Cost Analysis completed results in a BCR of 1.55. Currently working on preliminary design, detailed cost estimate and final BCA in preparation for 2020 FEMA BRIC grant application.	In Progress

Table 4 Progress Report for 2019 Not Available				
Drainage District #4				
DD4-1 - Provide coordination between DD4, ACHD and HOAs to ensure compliance with Ch. 29, Title 42 of the Idaho Code while performing any modifications that may impact DD4's area of responsibility.				
No	Long Term (5+yrs.)	Yes		No Progress Reported
DD4-2 - Retrofit drain structure/system in the areas of Willowdale/Pintail streets in Garden City, Idaho in order to provide flooding relief for homeowners and ACHD.				
No	Long Term (5+yrs.)	Yes		No Progress Reported
DD4-3 - Complete a study of the Drainage District to identify ditch capacity, restriction points, hazard areas, and District boundary.				
No	Short Term (<5yrs.)	Yes		No Progress Reported
DD4-4 - Support County-wide initiatives identified in Volume 1.				
No		Yes		No Progress Reported
DD4-5 - Continue to support the implementation, monitoring, maintenance and updating of this Plan, as defined in Volume 1.				
No		Yes		No Progress Reported

Additional Comments

Attachments

- Meeting agendas and minutes
- Meeting sign-in sheets